



NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BRIDGE MANAGEMENT UNIT

ATTENTION

PRIORITY MAINTENANCE
TEMPORARY REPAIRS

BRIDGE INSPECTION REPORT

INSPECTION TYPE: Routine Inspection - Contract

COUNTY ALLEGHANY BRIDGE NUMBER 020046 INSPECTION CYCLE 0 YRS
ROUTE SR1300 ACROSS CREEK M.P. 0

LOCATION .3 MI.N.JCT.SR1301

SUPERSTRUCTURE TIMBER FLOOR ON SALVAGED I-BEAMS

SUBSTRUCTURE E.BTS:TIMBER CAPS/TIMBER POST&SILLS @ VAR CENTERS

SPANS 1 @ 40'-7

LONGITUDE 81° 18' 33.65"

LATITUDE 36° 29' 41.84"

PRESENT CONDITION FAIR

INVENTORY RATING

INSPECTION DATE 07/10/2012

OPERATING RATING

PRESENT POSTING SV 14 TTST 17 SV 14 TTST 17

PROPOSED POSTING

COMPUTER UPDATE

ANALYSIS DATE

POSTING LETTER DATE

SUFFICIENCY RATING

OTHER SIGNS PRESENT FOUR DELINEATORS



SOUTH APPROACH LOOKING NORTH

SIGN NOTICE ISSUED FOR		NUMBERED REQUIRED
<u>No</u>	WEIGHT LIMIT	<u></u>
<u>No</u>	DELINEATORS	<u></u>
<u>No</u>	NARROW BRIDGE	<u></u>
<u>No</u>	ONE LANE BRIDGE	<u></u>
<u>No</u>	LOW CLEARANCE	<u></u>

NATIONAL BRIDGE INVENTORY----- STRUCTURE INVENTORY AND APPRAISAL

Run Date: 07/30/2012

IDENTIFICATION				CLASSIFICATION			
(1) STATE NAME -NORTH CAROLINA	BRIDGE	020046		SUFFICIENCY RATING =	21.13		
(8) STRUCTURE NUMBER(FEDERAL)		00000000050046		STATUS =	Structurally Deficient		
(5) INVENTORY ROUTE (ON/UNDER) - ON		31013000					
(2) STATE HIGHWAY DEPARTMENT DISTRICT		1					
(3) COUNTY CODE	5	(4) PLACE CODE	0	(112)NBIS BRIDGE SYSTEM -	YES		
(6) FEATURE INTERSECTED - CREEK				(104)HIGHWAY SYSTEM	Is not on NHS	0	
(7) FACILITY CARRIED SR1300				(26) FUNCTIONAL CLASS -	Local	09	
(9) LOCATION .3 MI.N.JCT.SR1301				(100)STRAHNET HIGHWAY -	Not a STRAHNET Route	0	
(11)MILEPOINT		0		(101)PARALLEL STRUCTURE -	No Parallel Structure	N	
(16)LAT 36° 29' 41.84"	(17)LONG	81° 18' 33.65"		(102)DIRECTION OF TRAFFIC -	2-way Traffic	2	
(98)BORDER BRIDGE STATE CODE		PCT SHARE		(103)TEMPORARY STRUCTURE -	Temporary Structure/Conditions	T	
(99)BORDER BRIDGE STRUCTURE NO				(110)DESIGNATED NATIONAL NETWORK -	Not on the National Network	0	
				(20) TOLL	On Free Road	3	
				(31) MAINTAIN -	State Highway Agency	01	
				(22) OWNER -	State Highway Agency	01	
				(37) HISTORICAL SIGNIFICANCE -	Not Eligible	5	
STRUCTURE TYPE AND MATERIAL				CONDITION			
(43) STRUCTURE TYPE MAIN: Steel				(58) DECK		7	
TYPE - Stringer Mutlibeam or Girder		CODE	302	(59) SUPERSTRUCTURE		5	
(44) STRUCTURE TYPE APPR :				(60) SUBSTRUCTURE		4	
TYPE -		CODE	000	(61) CHANNEL & CHANNEL PROTECTION		7	
(45) NUMBER OF SPANS IN MAIN UNIT			1	(62) CULVERTS		N	
(46) NUMBER OF APPROACH SPANS							
(107)DECK STRUCTURE TYPE - 8		CODE					
(108)WEARING SURFACE / PROTECTIVE SYSTEM :							
(A) TYPE OF WEARING SURFACE -		CODE					
(B) TYPE OF MEMBRANE -		CODE					
(C) TYPE OF DECK PROTECTION -		CODE					
AGE AND SERVICE				LOAD RATING AND POSTING			
(27) YEAR BUILT			1962	(31) DESIGN LOAD	Unknown	0	
(106)YEAR RECONSTRUCTED				(63) OPERATING RATING METHOD -	Load Factor		
(42) TYPE OF SERVICE : ON - Highway				(64) OPERATING RATING -	HS-1	101	
UNDER - Waterway		CODE	15	(65) INVENTORY RATING METHOD -	Load Factor		
(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE				(66) INVENTORY RATING -	HS-1	101	
(29) AVERAGE DAILY TRAFFIC			160	(70) BRIDGE POSTING -	Posting Required	0	
(30) YEAR OF ADT 2010	(109) TRUCK ADT PCT		6%	(41) STRUCTURE OPEN, POSTED ,OR CLOSED		P	
(19) BYPASS OR DETOUR LENGTH			6 MI	DESCRIPTION -	Posted for Load		
GEOMETRIC DATA				APPRAISAL			
(48) LENGTH OF MAXIMUM SPAN			39 FT	(67) STRUCTURAL EVALUATION		2	
(49) STRUCTURE LENGTH			41 FT	(68) DECK GEOMETRY		3	
(50)CURB OR SIDEWALK: LEFT .3 FT RIGHT .3 FT				(69) UNDERCLEARANCES,VERTI & HORIZ		N	
(51) BRIDGE ROADWAY WIDTH CURB TO CURB			19.3 FT	(71) WATERWAY ADEQUACY		7	
(52) DECK WIDTH OUT TO OUT			20.3 FT	(72) APPROACH ROADWAY ALIGNMENT		5	
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)			17 FT	(36) TRAFFIC SAFETY FEATURES		0000	
(33) BRIDGE MEDIAN - No Median		CODE	0	(113)SCOUR CRITICAL BRIDGES		5	
(34) SKEW 30°	(35) STRUCTURE FLARED		0				
(10) INVENTORY ROUTE MIN VERT CLEAR			999.9 FT				
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR			19.3 FT				
(53) MIN VERT CLEAR OVER BRIDGE RDWY			999.9 FT				
(54) MIN VERT UNDERCLEAR REF Not a Highway or Railroad			0 FT				
(55) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad			000 FT				
(56) MIN LAT UNDERCLEAR LT REF -			000 FT				
NAVIGATION DATA				PROPOSED IMPROVEMENTS			
(38) NAVIGATION CONTROL - No Navigational Control		CODE	0	(75) TYPE OF WORK -		CODE	
(111)PIER PROTECTION -		CODE		(76) LENGTH OF STRUCTURE IMPROVEMENT			
(39) NAVIGATION VERTICAL CLEARANCE			0	(94) BRIDGE IMPROVEMENT COST			
(116)VERT - LIFT BRIDGE NAV MIN VERT CLEAR			FT	(95) ROADWAY IMPROVEMENT COST			
(40) NAVIGATION HORIZONTAL CLEARANCE			0 FT	(96) TOTAL PROJECT COST			
				(97) YEAR OF IMPROVEMENT COST ESTIMATE			
				(114)FUTURE ADT 320	(115) YEAR FUTURE ADT	2025	
				INSPECTIONS			
				(90) INSPECTION DATE		07/10/2012	
				(92) CRITICAL FEATURE INSPECTION :		(93) CFI DATE	
				A) FRACTURE CRIT DETAIL -	NO	A)	
				B) UNDERWATER INSP -	NO	B)	
				C) OTHER SPECIAL INSP	NO	C)	
				SCOUR			

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE

Run Date: 07/30/2012

COUNTY :	DIVISION :	DISTRICT :	STRUCTURE NUMBER :	LENGTH :	
ALLEGHANY	11	1	020046	41	FEET

ROUTE CARRIED :	FEATURE INTERSECTED :
SR1300	CREEK

LOCATED :	BRIDGE NAME :	CITY :
.3 MI.N.JCT.SR1301		

FUNC. CLASS :	SYST.ON :	SYST.UNDER :	ADT & YR :	RAIL TYPE :
09	NFA	NFA	160 2010	LT 227 RT 227

BUILT :	BY :	PROJ :	FED.AID PROJ :	DESIGN LOAD :
1962	BMU			Unknown

REHAB :	BY :	PROJ :	ALIGNMENT :	SKEW :	LANES :
	BMU		TAN	120	ON 2 UNDER

NAVIGATION :	HT. CRN. TO BED :	WATER DEPTH :
VC 0 FT HC 0 FT 10 FT 1 FT		

SUPERSTRUCTURE : TIMBER FLOOR ON SALVAGED I-BEAMS

SUBSTRUCTURE : E.BTS:TIMBER CAPS/TIMBER POST&SILLS @ VAR CENTERS

SPANS : 1 @ 40'-7

BEAMS OR GIRDERS : 6 LINES 16 I-BEAMS;7 LINES 14 I-BEAMS @ VARIOUS CENTERS

FLOOR :	ENCROACHMENT :	DECK (OUT TO OUT) :
4X8 TIM/2.5 AWS		20.3 FT

CLEAR ROADWAY :	BETWEEN RAILS :	SIDEWALK OR CURB :
19.3 FT	20 FT	LT .3 FT RT .3 FT

VERT.CL.OVER :
999.9 FT

INV.RTG. :	OPE.RTG. :	CONTR.MEMBER :	POSTED :	TTST	DATE
HS-1	HS-1	IntBeams	SV 12	16	07/26/2012

SYSTEM :	GREEN LINE ROUTE :
Secondary S.R. Route	N

UNDER ROUTES AND CLEARANCES

REMARKS :

BRIDGE INSPECTION RECORD AND SUMMARY

INSPECTION TYPE Routine Inspection - Contract
 BRIDGE NO. 020046 COUNTY ALLEGHANY ROUTE SR1300 OVER CREEK
 STRUCTURE TYPE TIMBER FLOOR ON SALVAGED I-BEAMS
 ROUTE ORIENTATION S - N SPANS 1 @ 40'-7

EVALUATION CODES: CRITICAL (C, 0 - 3); POOR (P, 4); FAIR (F, 5, 6); GOOD (G, 7 - 9)

INSPECTION ITEM				ITEM 61			
DECK ITEMS			GRADES				
1. WEARING SURFACE			G	45. CHANNEL & CHANNEL PROT.	a. WATERWAY	G	
					b. ALIGNMENT	G	
					c. SCOUR	G	
					d. SLOPE PROT., RIP-RAP, DIKES, ETC.		
2. DECK NO. OF EA TYPE SPN GRADE RATES SI & A ITEM 58	a. CONCRETE			50. APPROACH ROADWAY CONDITION			G
	b. TIMBER	1	G	51. APPROACH SLABS			
	c. STEEL PLANK			52. PAINT SYSTEM			CODE A F
	d. OPEN GRID			53. UTILITIES			
3. RAILING	a. CONCRETE			54. RESPONSE TO LIVE LOAD			G
	b. TIMBER		G	55. ESTIMATED REMAINING LIFE			18
	c. ALUMINUM						
	d. STEEL						
4. CURBS, WHEELGUARDS, PARAPETS, MEDIANS			G	60. REGULATORY SIGN NOTICE ISSUED			NO
5. WALKWAYS (ON OR ATTACHED TO STRUCTURE)				61. PROMPT-ACTION NOTICE ISSUED			YES
6. DECK EXP JTS. OR DEVICES. NO. OF EACH	a. STEEL PL OR FINGER			62. PRESENTLY POSTED			YES
	b. MISC PREFAB			63. TOT. FIELD INSP TIME (INCLUDE WRITE UP)(MAN HR)			10
	c. COMPRESSION SEAL			64. TOTAL SNOOPER INSP. TIME (HRS)			0
	d. STANDARD JOINTS			65. TOTAL TRAFFIC CONTROL TIME (MAN HRS)			0
	e. OPEN JOINTS						
7. DECK DEBRIS (INCLUDES EXCESS SAND/GRAVEL)			G	70. SI&A GENERAL CONDITION RATINGS			
SUPER STR. (FM. 1 (90)B TRUSS) ITEM 59				a. DECK	ITEM 58	7	
10. LONGITUDINAL BEAMS OR GIRDERS			F	b. SUPERSTRUCTURE	ITEM 59	5	
11. LONGITUDINAL JOIST OR STRINGERS				c. SUBSTRUCTURE	ITEM 60	5	
12. INT. DIAP'S, X-FRAMES, BRACING & CONN'S				d. CHANNEL & CHANNEL PROT.	ITEM 61	7	
13. END DIAP'S, CURTAIN WALLS, & CONN'S				71. SI&A FIELD APPRAISAL RATINGS			
14. FLOOR BEAMS AND CONNECTIONS				a. WATERWAY ADAQUACY		7	
15. BEARING ASSEMBLIES (INCLUDING MISALIGN)			F	b. APPR. RDWY. ALIGNMENT		5	
16. DRAINAGE SYSTEM (ON STRUCTURE)			G	72. FIELD SCOUR EVALUATION			L
17. MOVABLE SPAN MACHINERY							
SUB STR. ITEMS. ITEM 60 (INCLUDE SCOUR)				USE OF INSP. ACCESSIBILITY EQUIPMENT			
35. TIM SUB STR.	a. ABUT. & INT. BENT CAPS & RISERS		G	SNOOPER (CODE S, 4, OR N)			HRS NO
	b. PILES, POST, SILLS, & BRACING		F	LADDER			NO
	c. BULKHEADS, WING'S, & TIE BACKS		F	BUCKET TRUCK			NO
36. CONC SUB STR.	a. ABUT. & INT. BENT CAPS			BOAT			NO
	b. ABUT. & BENT COL'S BREASTWALLS			OTHER			NO
	c. ABUT. & INT. BENT PILES						
	d. BACKWALLS, WING'S, RETAIN. WALLS						
	e. ABUT. & BENT FOOTINGS & SILLS						
37. STEEL SUB STR.	a. ABUT. & INT. BENT CAPS & RISERS			SPECIAL INSPECTION REQUESTED FOR			
	b. PILES, BRACING, AND BULKHEADS						
38. FOUNDATION PILES TYPE MATERIAL				NOTE			
39. SLOPE PROT., RIP-RAP (INCLUDE DRAINAGE)							
40. FENDER SYSTEMS				80. INSPECTED BY:	GAE		
41. DRIFT			G	81. REVIEWED BY:			

Bridge I&A Form 1(82)H State of North Carolina Dept. of Transportation Division of Highways		FIELD INSPECTION REPORT <u>Bridge Inspection & Analysis</u>	
Team Leader JACK LEONARD			
Assisted By GLT			
Item No.	Grade		
1	G	THE WEARING SURFACE ON THE BRIDGE HAS VERY FEW CRACKS BUT IS UNEVEN AND THERE ARE SEVERAL POCKETS OF RECENT RAIN WATER STANDING ON THE DECK. THERE IS SOME LEAKAGE AT RANDOM AREAS IN THE DECK AND LATERAL CRACKING UPTO 1/8" OVER THE ABUTMENTS.	
2b	G	SOME DAMPNESS AND LEAKAGE AT RANDOM DECK LOCATIONS AND THE ENDS OF THE BRIDGE	
3b	G	THERE IS PAINT LOSS ON BOTH RAILS.	
4	G	BOTH TIMBER CURBS HAVE RANDOM CHECKS AND CRACKING UPTO 1/4"	
10	F	THE BEAM FLANGES AND WEBS HAVE AREAS OF ACTIVE RUST ,SCALING AND SECTION LOSS. BEAM 13 HAS SCALING AND SECTION LOSS ALONG THE BOTTOM FLANGE AND WEB UPTO 15%.	
10A	NO	NO CURVED GIRDERS	
15	F	THE BEARING ASSEMBLIES HAVE PAINT LOSS AND RUST OVER MOST SURFACES.	
35b	F	THE TIMBER POSTS ARE DISCOLORED AND HAVE AREAS THAT ARE SOFT WITH SURFACE DECAY. SOME CRACKING IS PRESENT. A POST HAS BEEN ADDED AT ABUTMENT POST 1 AND 4. THE SILLS WERE NOT VISIBLE FOR INSPECTION.	
35c	F	THE TIMBER BULKHEADS ARE DISCOLORED AND LEAKING WITH SMALL AREAS OF DECAY. THERE IS A BULKHEAD TIMBER BEHIND POST 2 ABUTMENT 1 THAT HAS DECAY AND SOME SECTION LOSS AND SEVERAL TIMBERS IN BAY 1 ABUTMENT 1 THAT HAVE DECAYED WITH SECTION LOSS.	
71a	7	NO SIGNS OF OVERTOPPING WERE NOTED.	
71b	5	A CURVE ON THE NORTH APPROACH FROM THE WEST RESTRICTS SITE DISTANCE.	

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 020046

County ALLEGHANY

Date: 07/10/2012

These Repairs Should Be Made Within Twelve Months From Date Of This Inspection

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3334	Bridge Bearings	EA	26	THE BEARING ASSEMBLIES HAVE PAINT LOSS AND RUST OVER MOST SURFACES.	
 3342	Clean and Paint Structural Steel	SF	2500	THE BEAM FLANGES AND WEBS HAVE AREAS OF ACTIVE RUST ,SCALING AND SECTION LOSS. BEAM 13 HAS SCALING AND SECTION LOSS ALONG THE BOTTOM FLANGE AND WEB UPTO 15%.	

Key



Priority Maintenance Item



Critical Finding Item



Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 020046

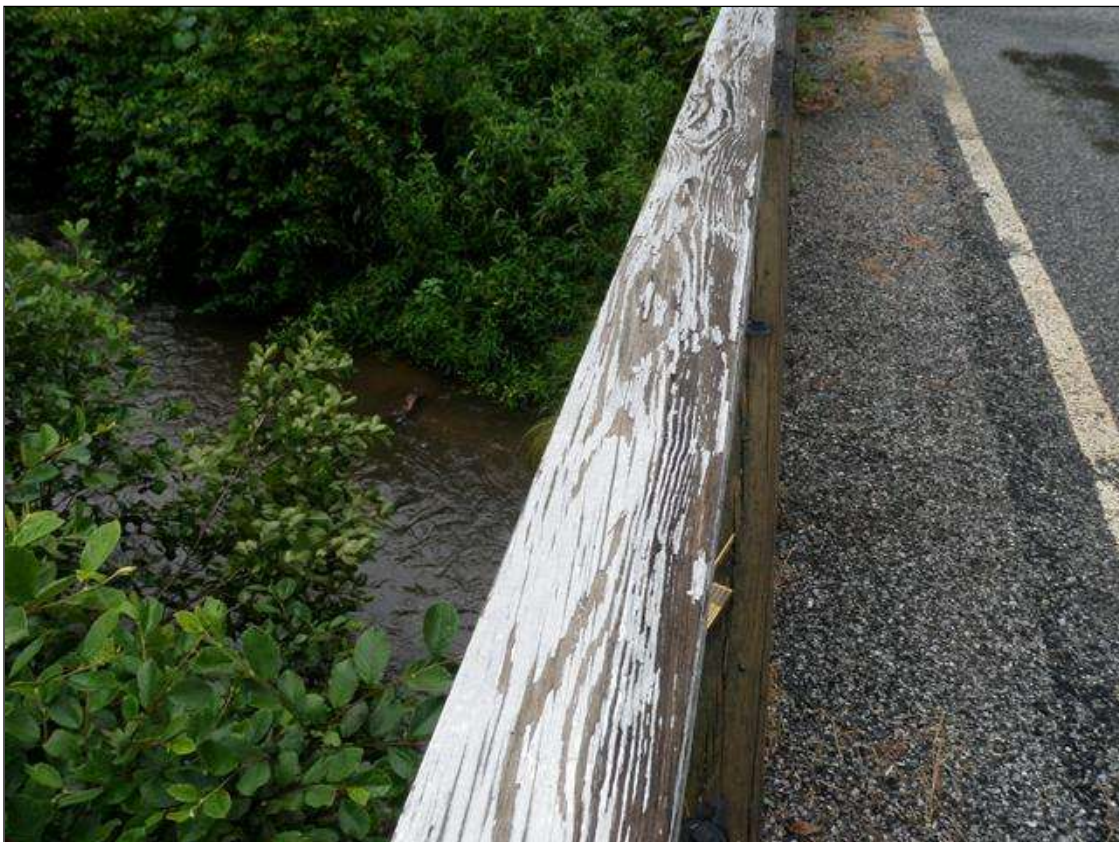
County ALLEGHANY

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3342	Clean and Paint Structural Steel	2500 SF
Location:		
Beams and Girders	Bent/Span No. 1	BEAMS
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification Received	
Submitted Date:	Submitted By:	Assisted By:
07/16/2012	JACK LEONARD	GEORGE TEAGUE
Details		
THE BEAM FLANGES AND WEBS HAVE AREAS OF ACTIVE RUST ,SCALING AND SECTION LOSS. BEAM 13 HAS SCALING AND SECTION LOSS ALONG THE BOTTOM FLANGE AND WEB UPTO 15%.		



CRACKING AND CHECKING ON EAST CURB WEST SIMILAR



PAINT LOSS ON EAST RAIL WEST SIMILAR



LATERAL CRACKING UPTO 1/8" OVER ABUTMENT 2 ABUTMENT 1 SIMILAR



ADDED POST 1 ABUTMENT 1



RUST AT WEB REPAIR AT BEARING BEAM 7 ABUTMENT 1



DECAY IN BULKHEAD TIMBER BEHIND POST 2 ABUTMENT 1



DECAYED BULKHEAD TIMBER BAY 1 ABUTMENT 1



ADDED POST 4 ABUTMENT 1



RUST AND SCALING TOP AND BOTTOM FLANGES BEAM 9 OTHERS SIMILAR



3/4" HOLE IN WEB BEAM 12 OTHERS SIMILAR



RUST SCALE AND SECTION LOSS ON WEB AND FLANGE UPTO 15% BEAM 13

Structure Data Worksheet

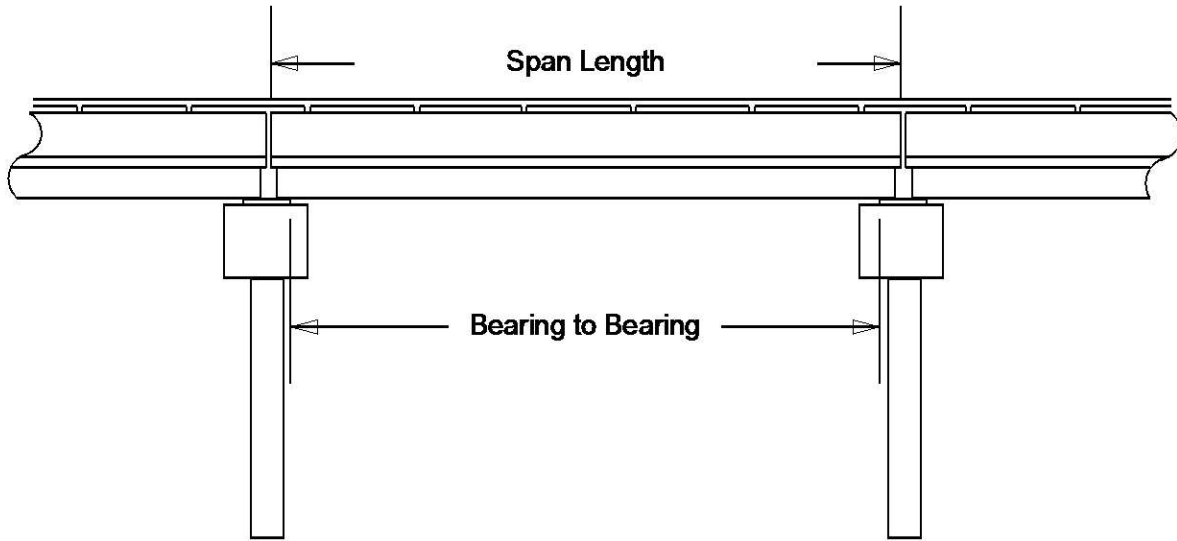
Spans

County: ALLEGHANY

Structure No: 020046

Date: 07/10/2012

Inspected By: JAL



Span No	Span Length	Bearing to Bearing	Comments
1	40 FT. 7 IN.	39 ft. 3 in.	NBIS LENGTH 37'-9"

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 020046 County: ALLEGHANY Date: 07/10/2012 By: JAL

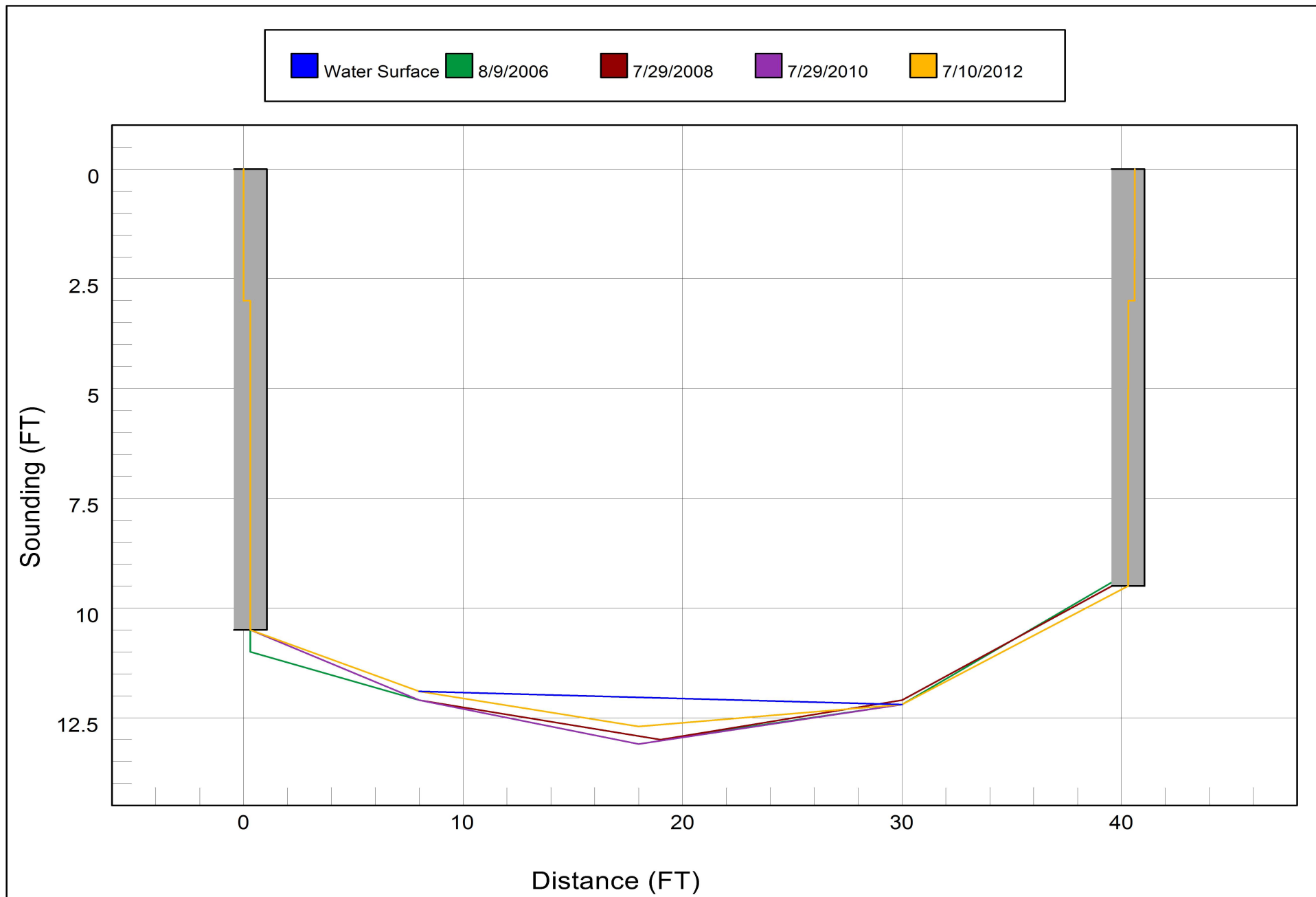
Record sounding from top of rail. Other location if needed: TOP OF RAIL

Distance from Highwater Mark to top of rail: 7 Location of Highwater Mark: STREAM BANK

DOWNSTREAM			UPSTREAM		
Distance (Station) (ft)	Sounding (ft)	Description	Distance (Station) (ft)	Sounding (ft)	Description
0	0	TOP OF RAIL			
0	3	TOP OF BULKHEAD			
0.3	3	TOP OD BULKHEAD			
0.3	5	TOP OF CAP			
0.31	10.5	FACE OF ABUTMENT	0.31	9.1	FACE OF ABUTMENT
8	11.9	WSWE			
18	12.7				
30	12.2	WSWE			
40.3	9.5	FACE OF ABUTMENT	40.3	10	FACE OF ABUTMENT
40.31	5	TOP OF CAP			
40.32	3	TOP OF BULKHEAD			
40.6	3	TOP OF BULKHEAD			
40.61	0	TOP OF RAIL			

STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)

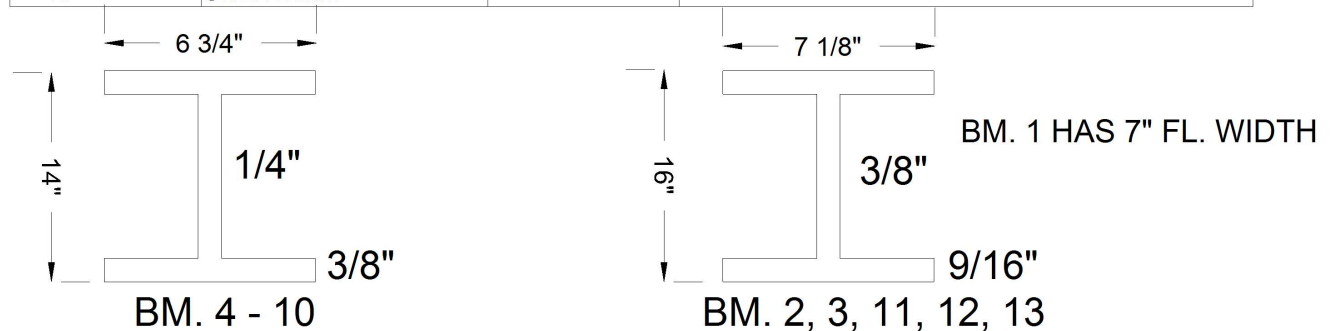


Bridge Inspection Field Sketch

Deck Width/Out to Out	20.250ft	Wearing Surface	0.209ft
Between Rails	20.0ft	Median Width	
Curb Height	0.583ft	Median Height	
Top Rail to Deck/Wearing Surface	2.750ft	Left Guardrail Width	
Clear Roadway	19.333ft	Right Guardrail Width	
Left Bridge Rail	Type 22	Right Bridge Rail	Type 22

Measurements for Span #	1		
Deck Thickness	0.312	Left Overhang	0.833
Top of Rail to Bottom of Beam	5.00	Right Overhang	0.833

Beam No	Beam Type	Spacing	Comments
1	Steel I Beam	1.562ft	
2	Steel I Beam	1.480ft	
3	Steel I Beam	1.542ft	
4	Steel I Beam	1.625ft	
5	Steel I Beam	1.542ft	
6	Steel I Beam	1.542ft	
7	Steel I Beam	1.521ft	
8	Steel I Beam	1.583ft	
9	Steel I Beam	1.562ft	
10	Steel I Beam	1.500ft	
11	Steel I Beam	1.542ft	
12	Steel I Beam	1.542ft	
13	Steel I Beam		



Title		Description	
TS		VERIFIED 7/10/12 JAL	
Bridge No: 020046		SUPER VERIFIED 7/29/10 DWELBORN	
Drawn By: DCW		Date: 07/29/2008	File Name: S0126000964

Bridge Inspection Field Sketch

SUPPORTING BM. 4- 10

2 3/4" X 7 3/4" X 12" TIM.



Abutment #	1		
Cap - Beam Type (Wood or Steel)			
Cap Size	23.167ft Long	0.833ft Wide	0.833ft High
Left Overhang	0.917ft	Lt Cap/Beam Overhang	.583ft
Right Overhang	0.917ft	Rt Cap/Beam Overhang	.5ft
Sill - Sill			
Sill Size			

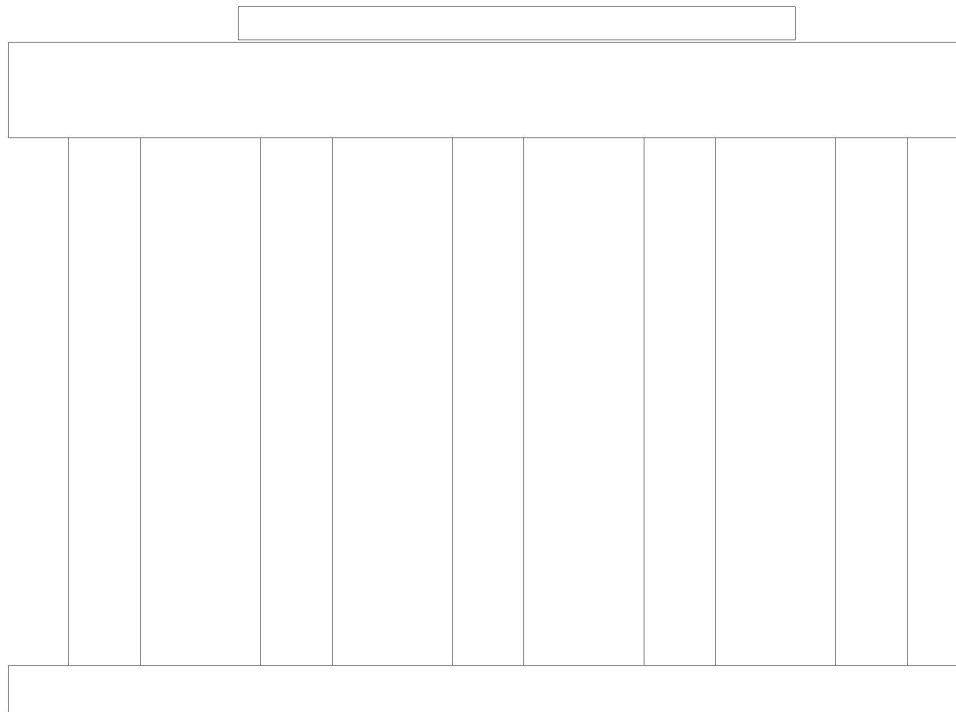
Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Wood or Timber	Post and Sills	12"		10"	10"	Vertical
2	Wood or Timber	Post and Sills	6' 7"		12"		Vertical
3	Wood or Timber	Post and Sills	6' 0"		10"	10"	Vertical
4	Wood or Timber	Post and Sills	6' 7"		10"	10"	Vertical
5	Wood or Timber	Post and Sills	12"		12"		Vertical
6	Wood or Timber	Post and Sills			10"	10"	Vertical

VERIFIED 7/29/10 G.ROBBINS
VERIFIED 7/10/12 JAL

Title		Description	
SUB 1		SUB AB 1	
Bridge No: 020046	Drawn By: G.R.R.	Date: 07/29/2008	File Name: S0130001056

Bridge Inspection Field Sketch

2 3/4" X 7 3/4" X 13' TIM.SUPPORTING BM. 4- 10



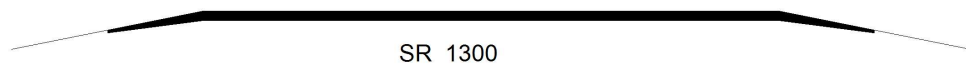
Abutment #	2		
Cap - Beam Type (Wood or Steel)			
Cap Size	26.167ft Long	1ft Wide	1ft High
Left Overhang	2.667ft	Lt Cap/Beam Overhang	2.333ft
Right Overhang	2.5ft	Rt Cap/Beam Overhang	2.083ft
Sill - Sill			
Sill Size			

Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Wood or Timber	Post and Sills	5' 4"		12"	12"	Vertical
2	Wood or Timber	Post and Sills	5' 3"		12"	12"	Vertical
3	Wood or Timber	Post and Sills	5' 0"		12"	12"	Vertical
4	Wood or Timber	Post and Sills	5' 3"		12"	12"	Vertical
5	Wood or Timber	Post and Sills			12"	12"	Vertical

VERIFIED 7/29/10 G.ROBBINS
VERIFIED 7/10/12 JAL

Title		Description	
SUB 2		SUB AB 2	
Bridge No: 020046	Drawn By: G.R.R.	Date: 07/29/2008	File Name: S0130001057

Bridge Inspection Field Sketch



Roadway	17ft Wide	2 Paved Lanes	Looking North
Left Shoulder	5ft Wide		5ft Unpaved
Right Shoulder	5ft Wide		5ft Unpaved
Left Guardrail			
Right Guardrail			

VERIFIED 7/29/10 G.ROBBINS

VERIFIED 7/10/12 JAL

Title

APRW

Description

APPROACH ROADWAY

Bridge No: 020046

Drawn By: G.R.R.

Date: 07/29/2008

File Name: S0130001058



SOUTH APPROACH LOOKING NORTH



NORTH APPROACH LOOKING SOUTH



LOOKING WEST DOWNSTREAM



LOOKING EAST UPSTREAM



EAST ELEVATION



WEST ELEVATION



WEIGHT LIMIT SIGN NORTHWEST CORNER



NORTH APPROACH PAVEMENT



WEARING SURFACE ON BRIDGE



SOUTH APPROACH PAVEMENT



WEIGHT LIMIT SOUTHEAST CORNER



WEST RAIL EAST SIMILAR



NORTHEAST WINGWALL OTHERS SIMILAR



ABUTMENT 2



ABUTMENT 1



BEAM 4 OTHERS SIMILAR



BOTTOM OF DECK BAY 6 OTHERS SIMILAR



BEARING BEAM 3 OTHERS BEAM 1, 2, 11, 12, AND 13 SIMILAR



BEARING BEAM 4 OTHERS BEAM 5, 6, 7, 8, 9, AND 10 SIMILAR



WINGWALL SOUTHEAST CORNER OTHERS SIMILAR